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Tropical Parasitic Diseases: S. Townson, MSc, PhD

The International Institute of Parasitology (IIP), founded in 1929, has a staff of about 35 and provides taxonomic identification, research, consultancy and contract services to world agriculture and medicine. The Institute is an international centre for the systematics of parasitic helminths of animals and man, and plant parasitic and entomophilic nematodes. Publications include research papers, books, monographs and keys (details on request).

Institute staff are active in project work in many parts of the world, acting as consultants or researchers for a variety of international and national agencies. IIP staff contribute as advisers to field and survey work, and provide an authoritative identification service for the nematodes and helminths collected.

### *Identification Services*

IIP provides an authoritative identification service to agricultural, biological and medical scientists throughout the world. The service handles plant-parasitic and entomophilic nematodes and helminth parasites of animals and man. The services are backed by well documented and extensive reference collections including those of several eminent helminthologists; living cultures of plant parasitic nematodes are maintained in the IIP glasshouses.

IIP's team of specialists are also involved in research including taxonomic revision of economically important groups of helminths and plant parasitic nematodes and the production of identification aids.

Details of charging and advice on collection, preservation and despatch of specimens for identification are available on request. The identification service is provided free of charge to non-commercial users in CABI member countries, and at moderate cost to users in non-member countries and in commercial organisations.

### *Tropical Plant Nematology Advisory and Research Unit*

The Unit provides an advisory service to countries in the sub-tropics and tropics, as an adjunct to the identification services provided at the Institute. It gives practical information and advice on the economic importance and control methods that can be employed on nematodes identified. Staff are available for consultancies on nematode problems and can undertake surveys of individual crops or regions, plan workshops or give in-country advice on existing nematode projects and problems. Staff are engaged in funded research on tropical nematodes in glasshouses and laboratories at the Institute, which also provides facilities for visiting research workers. The Unit is part of a 'Research Group for Nematodes in Tropical and Subtropical Agriculture' formed between the Institute and the AFRC Institute of Arable Crops Research, Rothamsted, UK.

### *Tropical Parasitic Diseases Unit*

The Unit carries out research projects directed towards the prevention and treatment of human tropical parasitic diseases. Research at IIP has focussed on onchocerciasis and lymphatic filariasis and their arthropod vectors, and is funded by major international agencies such as WHO and the Edna McConnell Clark Foundation. These projects are part of a world-wide multidisciplinary research effort to find and develop new drugs and vaccines, and involve collaboration between pharmaceutical companies, university and institute-based research groups and clinical groups working in field trials.

### *Training*

IIP offers both formal and informal training courses and facilities for visiting workers. Training is particularly orientated towards scientists and extension workers in developing countries. Courses of six weeks duration, on the identification of helminth parasites or plant parasitic nematodes of economic importance, are offered in alternate years to groups of fifteen participants.

Supervised individual study for periods of up to 12 months is offered by IIP's specialists and facilities are available for postgraduate studies for higher degrees or as part of a higher degree course. IIP is an associated Institute of the University of Reading and has collaborative projects with the University of London. Visiting workers in relevant fields of research are welcome to use the facilities and expertise available at IIP.

### *Collections*

The IIP library offers a specialist collection of over 6600 books, 231 serial titles and over 28,000 reprints on helminthology, protozoology and plant nematology available to outside users. Computer terminals permit on-line retrieval from the world's major databases, including CAB ABSTRACTS, and offers a photocopying service as part of CABI Document Delivery Service. IIP collaborates with the Information Services of CABI in the production of books and journals in its fields.

### *Further details*

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Many other serials were scanned during 1990 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1988 edition*. The publication includes ISSNs and publishers' addresses.

Abstracts of the Annual Meeting of the American Society for Microbiology
Acta Alimentaria (Budapest)
Acta Amazonica
Acta Clinica Belgica
Acta Cytologica
Acta Dermato-Venereologica
Acta Endocrinologica
Acta Entomologica Bohemoslovaca
Acta Leidensia
Acta Medica Iugoslavica
Acta Medica Veterinaria
Acta Ophthalmologica
Acta Parasitologica Polonica
Acta Pathologica, Microbiologica et Immunologica Scandinavica
Acta Pharmaceutica Nordica
Acta Pharmaceutica Sinica
Acta Pharmacologica Sinica
Acta Physiologica et Pharmacologica Latinoamericana
Acta Scientiarum Naturalium Universitatis Sunyatseni
Acta Tropica
Acta Universitatis Carolinae, Biologica
Acta Veterinaria (Beograd)
Acta Veterinaria Hungarica
Acta Veterinaria Scandinavica
Acta Zoologica Bulgarica
Acta Zoologica Sinica
Acta Zootaxonomica Sinica
Advances in Experimental Medicine and Biology
Advances in Marine Biology
Advances in Parasitology
African Journal of Ecology
African Journal of Medicine and Medical Sciences
African Research and Documentation
AgBiotech News and Information
Agricultural and Biological Chemistry
Agricultural Zoology Reviews
Agriculture Handbook (Washington)
AIDS
AJDC, American Journal of Diseases of Children
Allergologia et Immunopathologia
American Family Physician
American Journal of Clinical Nutrition
American Journal of Clinical Pathology
American Journal of Emergency Medicine
American Journal of Gastroenterology
American Journal of Hospital Pharmacy
American Journal of Human Genetics
American Journal of Medicine
American Journal of Obstetrics and Gynecology
American Journal of Ophthalmology
American Journal of Primatology
American Journal of Public Health
American Journal of Roentgenology
American Journal of the Medical Sciences
American Journal of Tropical Medicine and Hygiene
American Journal of Veterinary Research
American Naturalist
American Review of Respiratory Disease
Anais do Instituto de Higiene e Medicina Tropical
Analytica Chimica Acta
Analytical Biochemistry
Angewandte Parasitologie
Animal Feed Science and Technology
Animal Genetics
Animal Production
Animal Science Research Report, Agricultural Experiment Station, Oklahoma State University
Annalen - Koninklijk Museum voor Midden-Afrika, Economische Wetenschappen
Annales de Biologie Clinique
Annales de Dermatologie et de Vénéréologie
Annales de l'Institut Pasteur, Immunologie
Annales de la Société Belge de Médecine Tropicale
Annales de Médecine Vétérinaire
Annales de Parasitologie Humaine et Comparée
Annales de Recherches Vétérinaires
Annali della Facoltà di Medicina Veterinaria di Pisa
Annals of Allergy
Annals of Emergency Medicine
Annals of Internal Medicine
Annals of Ophthalmology
Annals of Saudi Medicine
Annals of the New York Academy of Sciences
Annals of Tropical Medicine and Parasitology
Annals of Tropical Paediatrics
Année Biologique
Annual Bulletin of the Society of Parasitology, Guangdong Province
Annual Review of Public Health
Anthrozoös
Antimicrobial Agents and Chemotherapy
APMIS (Acta Pathologica, Microbiologica et Immunologica Scandinavica)
Applied and Environmental Microbiology
Aquaculture
Arab Gulf Journal of Scientific Research, B (Agricultural and Biological Sciences)
Archiv der Pharmazie (Weinheim)
Archiv für Geflügelkunde
Archiv für Protistenkunde
Archives de l'Institut Pasteur d'Algérie
Archives de l'Institut Pasteur de Madagascar
Archives de l'Institut Razi
Archives des Maladies du Coeur et des Vaisseaux
Archives Françaises de Pédiatrie
Archives Internationales de Physiologie et de Biochimie
Archives of Biochemistry and Biophysics
Archives of Dermatology
Archives of Disease in Childhood
Archives of Internal Medicine
Archives of Neurology
Archives of Ophthalmology
Archives of Oto-Rhino-Laryngology
Archives of Pathology and Laboratory Medicine
Archivio Veterinario Italiano
Archivos de Biologia y Medicina Experimentales
Archivos de Investigación Médica
Archivos de Medicina Veterinaria
Arkansas Farm Research
Arquivo Brasileiro de Medicina Veterinária e Zootecnia
Arquivos Brasileiros de Cardiologia
Arquivos da Escola de Medicina Veterinária da Universidade Federal da Bahia
Ars Veterinaria
Arzneimittel Forschung
Asean Journal of Clinical Sciences
Asia Pacific Journal of Pharmacology
Asian Medical Journal
Asian Pacific Journal of Allergy and Immunology
Assiut Journal of Agricultural Sciences
Australian and New Zealand Journal of Medicine
Australian Journal of Chemistry
Australian Journal of Zoology
Australian Veterinary Journal
Avances en Ciencias Veterinarias
Avian Diseases
Avian Pathology
Bangladesh Journal of Animal Science
Bangladesh Veterinary Journal
Bio/technology
Biochemical and Biophysical Research Communications
Biochemical Journal (London)
Biochemical Medicine and Metabolic Biology
Biochemical Pharmacology
Biochemical Society Transactions
Biochemistry (Washington)

Biochemistry and Cell Biology
Biochemistry International
Biochimica et Biophysica Acta (C), Molecular Cell Research
Biochimica et Biophysica Acta (L), Lipids and Lipid Metabolism
Biochimica et Biophysica Acta (M), Biomembranes
Biochimica et Biophysica Acta (MR), Reviews on Biomembranes
Biochimica et Biophysica Acta (P), Protein Structure and Molecular Enzymology
BioEssays
Biológia (Bratislava)
Biological Bulletin
Biological Wastes
Biologicheskie Nauki. Nauchnye Doklady Vyssheĭ Shkoly
Biologist (London)
Biologizace a Chemizace Živočišné Výroby, Veterinaria
Biology Bulletin of the Academy of Sciences of the USSR
Biology of the Cell
Biometrics
Bioorganicheskaya Khimiya
Biopharmaceutics & Drug Disposition
Biopolymers
Bioscience Reports
BioSystems
Biotechnology Advances
Biotechnology and Bioengineering
BIOTROPIA
Blood
Boletín de la Oficina Sanitaria Panamericana
Boletín de la Sociedad Veterinaria Venezolana de Especialistas en Cerdos
Bone Marrow Transplantation
Bothalia
Bovine Practitioner
Brazilian Journal of Medical and Biological Research
British Journal of Clinical Pharmacology
British Journal of Dermatology
British Journal of Haematology
British Journal of Hospital Medicine
British Journal of Nutrition
British Journal of Pharmacology
British Journal of Surgery
British Medical Journal (Clinical Research Edition)
British Veterinary Journal
Buchreihe, Institut für Lateinamerikaforschung und Entwicklungszusammenarbeit an der Hochschule St. Gallen
Buletini i Shkencave Zooteknike e Veterinare
Bulletin d'Écologie
Bulletin de l'Académie Nationale de Médecine
Bulletin de la Société de Pathologie Exotique et de ses Filiales
Bulletin de la Société Entomologique d'Égypte
Bulletin de la Société Française de Parasitologie
Bulletin des G.T.V.
Bulletin des Recherches Agronomiques de Gembloux
Bulletin du Muséum National d'Histoire Naturelle. Section A Zoologie, Biologie et Ecologie Animales
Bulletin of Animal Health and Production in Africa
Bulletin of Endemic Diseases
Bulletin of the European Association of Fish Pathologists
Bulletin of the Nippon Veterinary and Zootechnical College
Bulletin of the Pan American Health Organization
Bulletin of the Society for Vector Ecology
Bulletin of the World Health Organization
Cabra & Bodes
Calcutta Medical Journal
California Veterinarian
Canada Diseases Weekly Report
Canadian Family Physician
Canadian Journal of Neurological Sciences
Canadian Journal of Zoology
Canadian Medical Association Journal
Canadian Veterinary Journal
Cancer
Cardiovascular Drugs and Therapy
Cell (Cambridge)
Cell Biology International Reports
Cell Motility and the Cytoskeleton
Cell Structure and Function
Cellular Immunology
Central African Journal of Medicine
Československá Epidemiologie, Mikrobiologie, Imunologie
Cheiron
Chemical and Pharmaceutical Bulletin
Chemosphere
Chemotherapy (Basel)
Chest
Chèvre
China Public Health
Chinese Journal of Biological Control
Chinese Journal of Epidemiology
Chinese Journal of Microbiology and Immunology
Chinese Journal of Parasitic Disease Control
Chinese Journal of Parasitology & Parasitic Diseases
Chinese Journal of Veterinary Medicine
Chinese Journal of Veterinary Science and Technology
Chinese Medical Journal
Chromatographia
Chromosoma
Chronobiology International
Ciência e Cultura (São Paulo)
Ciencias Veterinarias, Costa Rica
Clinical and Experimental Immunology
Clinical Immunology and Immunopathology
Clinical Insight
Clinical Neurology and Neurosurgery
Clinical Neuropathology
Clinical Nuclear Medicine
Clinical Pharmacokinetics
Clinical Pharmacology and Therapeutics
Clinical Pharmacy
Clinical Science
Clinics in Chest Medicine
Clinics in Dermatology
Clinics in Laboratory Medicine
Clinics in Perinatology
Colloque INSERM
Comparative Biochemistry and Physiology. A, Comparative Physiology
Comparative Biochemistry and Physiology. B, Comparative Biochemistry
Comparative Biochemistry and Physiology. C, Comparative Pharmacology and Toxicology
Comparative Pathology Bulletin
Compendium on Continuing Education for the Practicing Veterinarian
Comptes Rendus de l'Académie des Sciences. Series 3, Sciences de la Vie
Computerized Medical Imaging and Graphics
Contributions to Microbiology and Immunology
Cornea
CRC Critical Reviews in Microbiology
Critical Care Medicine
Cryo-Letters
Cuniculture (Paris)
Current Microbiology
Current Opinion in Gastroenterology
Current Opinion in Infectious Diseases
Current Science
Current Therapeutic Research
Current Topics in Microbiology and Immunology
Cytobios
Deltion tes Ellēnikēs Ktēniatrikēs Etaireias = Bulletin of the Hellenic Veterinary Medical Society
Dermatologic Clinics
Deutsche Medizinische Wochenschrift
Deutsche Tierärztliche Wochenschrift
Developmental and Comparative Immunology
Diagnostic Microbiology and Infectious Disease
DICP, the Annals of Pharmacotherapy
Digestive Diseases and Sciences
Dirasat
Disease Markers
Diseases of Aquatic Organisms
Dissertation Abstracts International. B, Sciences and Engineering
DNA and Cell Biology
Doklady, Biochemistry
Doklady, Biological Sciences
Drug Development and Industrial Pharmacy
Drug Intelligence and Clinical Pharmacy
Drugs
East African Medical Journal
Eesti NSV Teaduste Akadeemia Toimetised, Bioloogia
EMBO Journal
Entomon
Environment and Ecology
Environment International
Environmental and Molecular Mutagenesis
Environmental Entomology
Environmental Research (New York)
Environmental Science & Technology
Environmental Technology Letters
EOS (Rome)
Épidémiologie et Santé Animale
Epidemiology and Infection
Equine Veterinary Data
Equine Veterinary Journal
EUR Report
European Journal of Biochemistry
European Journal of Cell Biology
European Journal of Clinical Microbiology & Infectious Diseases
European Journal of Clinical Pharmacology
European Journal of Drug Metabolism and Pharmacokinetics
European Journal of Epidemiology

European Journal of Immunology
European Journal of Medicinal Chemistry
European Journal of Nuclear Medicine
European Journal of Pediatrics
European Journal of Protistology
European Respiratory Journal
Excerpta Medica International Congress Series
Experientia
Experimental and Molecular Pathology
Experimental Hematology
Experimental Parasitology
FAO Animal Production and Health Paper
Farmaco, Edizione Scientifica
FASEB Journal
FEBS Letters
FEMS Microbiology Letters
Fish Pathology
Fitoterapia
Folia Parasitologica
Food Technology (Chicago)
Free Radical Research Communications
G.E.N.
Gastroenterology (New York)
Gastrointestinal Endoscopy
Gazette Médicale de France
Gene
General and Comparative Endocrinology
General Pharmacology
Genitourinary Medicine
Giornale di Malattie Infettive e Parassitarie
Great Basin Naturalist
Gut
Helvetica Chimica Acta
Heredity
Histochemical Journal
Histology and Histopathology
Historia Medicinae Veterinariae
Hospital Practice
Human Toxicology
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In Vitro Cellular & Developmental Biology
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Indian Journal of Biochemistry and Biophysics
Indian Journal of Comparative Microbiology, Immunology and Infectious Diseases
Indian Journal of Dairy Science
Indian Journal of Entomology
Indian Journal of Experimental Biology
Indian Journal of Malariology
Indian Journal of Medical Research
Indian Journal of Medical Research. Section A, Infectious Diseases
Indian Journal of Medical Research. Section B, Biomedical Research other than Infectious Diseases
Indian Journal of Parasitology
Indian Journal of Pharmaceutical Sciences
Indian Journal of Public Health
Indian Journal of Veterinary Medicine
Indian Journal of Veterinary Pathology
Indian Veterinary Journal
Indian Veterinary Medical Journal
Indian Veterinary Reporter
Industrial Health
Industrie Alimentari
Infection and Immunity
Informatore Fitopatologico
Insect Science and its Application
International Archives of Allergy and Applied Immunology
International Journal for Parasitology
International Journal of Animal Sciences
International Journal of Biochemistry
International Journal of Cancer
International Journal of Clinical Pharmacology Research
International Journal of Crude Drug Research
International Journal of Dermatology
International Journal of Epidemiology
International Journal of Gynecology and Obstetrics
International Journal of Pharmaceutics
International Journal on Endocytobiosis and Cell Research
International Review of Cytology
Investigative Ophthalmology & Visual Science
Iowa State University Veterinarian
Iranian Journal of Medical Sciences
Iranian Journal of Public Health
Irish Veterinary Journal
ISI Atlas of Science, Immunology
Israel Journal of Medical Sciences
Izvestiya Akademii Nauk Azerbaĭdzhanskoĭ SSR, Biologicheskie Nauki
Izvestiya Akademii Nauk Kazakhskoĭ SSR, Seriya Biologicheskaya
Izvestiya Akademii Nauk Turkmenskoĭ SSR, Seriya Biologicheskikh Nauk
JAMA, Journal of the American Medical Association
Japanese Journal of Applied Entomology and Zoology
Japanese Journal of Experimental Medicine
Japanese Journal of Medical Science & Biology
Japanese Journal of Medicine
Japanese Journal of Parasitology
Japanese Journal of Sanitary Zoology
Japanese Journal of Tropical Medicine and Hygiene
Japanese Journal of Veterinary Research
Japanese Journal of Veterinary Science
Japanese Journal of Zootechnical Science
Journal - Association of Official Analytical Chemists
Journal - Water Pollution Control Federation
Journal de Chirurgie
Journal de Toxicologie Clinique et Expérimentale
Journal of Acquired Immune Deficiency Syndromes
Journal of Agricultural Science
Journal of Agricultural Science, Tokyo Nogyo Daigaku
Journal of Animal Production Research
Journal of Animal Science
Journal of Antibiotics
Journal of Antimicrobial Chemotherapy
Journal of Applied Physiology
Journal of Arid Environments
Journal of Autoimmunity
Journal of Bengal Natural History Society
Journal of Biological Chemistry
Journal of Biological Science Research
Journal of Cell Biology
Journal of Cell Science
Journal of Chemotherapy
Journal of Chromatography
Journal of Chromatography, Biomedical Applications
Journal of Clinical & Laboratory Immunology
Journal of Clinical Epidemiology
Journal of Clinical Gastroenterology
Journal of Clinical Immunology
Journal of Clinical Investigation
Journal of Clinical Microbiology
Journal of Clinical Pathology
Journal of Clinical Pharmacology
Journal of Communicable Diseases
Journal of Comparative Pathology
Journal of Controlled Release
Journal of Diarrhoeal Diseases Research
Journal of Economic Entomology
Journal of Entomological Research
Journal of Ethnopharmacology
Journal of Experimental Biology
Journal of Experimental Medicine
Journal of Family Practice
Journal of Fish Diseases
Journal of Formosan Medical Association
Journal of Gastroenterology and Hepatology
Journal of General Microbiology
Journal of Histochemistry and Cytochemistry
Journal of Hygiene, Epidemiology, Microbiology and Immunology
Journal of Immunogenetics
Journal of Immunological Methods
Journal of Immunology (Baltimore)
Journal of Infection
Journal of Infectious Diseases
Journal of Interferon Research
Journal of Invertebrate Pathology
Journal of Jilin Agricultural University
Journal of Labelled Compounds and Radiopharmaceuticals
Journal of Leukocyte Biology
Journal of Liquid Chromatography
Journal of Mathematical Biology
Journal of Medical Entomology
Journal of Medical Microbiology
Journal of Medicinal Chemistry
Journal of Microbial Biotechnology
Journal of Microbiological Methods
Journal of Molecular Biology
Journal of Molecular Evolution
Journal of Natural History
Journal of Natural Products
Journal of Neurology

Journal of Neuroscience Research
Journal of Nuclear Medicine
Journal of Organic Chemistry
Journal of Parasitology
Journal of Pathology
Journal of Pediatric Gastroenterology and Nutrition
Journal of Pediatric Surgery
Journal of Pediatrics
Journal of Pharmaceutical Sciences
Journal of Pharmacy and Pharmacology
Journal of Phytopathology
Journal of Protozoology
Journal of Scientific & Industrial Research
Journal of Small Animal Practice
Journal of the American Academy of Dermatology
Journal of the American Animal Hospital Association
Journal of the American Chemical Society
Journal of the American Mosquito Control Association
Journal of the American Osteopathic Association
Journal of the American Veterinary Medical Association
Journal of the Andaman Science Association
Journal of the Egyptian Society of Parasitology
Journal of the Faculty of Medicine, Baghdad
Journal of the Food Hygienic Society of Japan
Journal of the Indian Medical Association
Journal of the Indian Society of Coastal Agricultural Research
Journal of the Japan Veterinary Medical Association
Journal of the Marine Biological Association of the United Kingdom
Journal of the Medical Association of Thailand
Journal of the National Medical Association
Journal of the Royal Army Medical Corps
Journal of the Royal College of General Practitioners
Journal of the Royal Society of Medicine
Journal of the Science Society of Thailand
Journal of the South African Veterinary Association
Journal of the University of Kuwait, Science
Journal of Theoretical Biology
Journal of Toxicology, Clinical Toxicology
Journal of Trace Elements and Electrolytes in Health and Diseases
Journal of Tropical Medicine and Hygiene
Journal of Tropical Pediatrics
Journal of Veterinary Internal Medicine
Journal of Veterinary Medicine. Series A
Journal of Veterinary Medicine. Series B
Journal of Veterinary Parasitology
Journal of Veterinary Pharmacology and Therapeutics
Journal of Wildlife Diseases
Journal of Zoo Animal Medicine
Kardiologiya
Kenya Veterinarian
Kinderärztliche Praxis
Kitasato Archives of Experimental Medicine
Kleintierpraxis
Klinische Monatsblätter für Augenheilkunde
Klinische Wochenschrift
Korean Journal of Parasitology
Korean Journal of Veterinary Public Health
L'Année Biologique
Laboratornoe Delo
Laboratory Animal Science
Laboratory Animals
Laboratory Investigation
Lancet (British edition)
Laryngoscope
Letters in Applied Microbiology
Lietuvos TSR Mokslų Akademijos Darbai. C Serijai, Biologijos Mokslai
Livestock Adviser
Magyar Állatorvosok Lapja
Marine Biology
Mathematical Biosciences
Mauritius Institute Bulletin
Mayo Clinic Proceedings
Médecin Vétérinaire du Québec
Médecine d'Afrique Noire
Médecine et Armées
Médecine et Maladies Infectieuses
Médecine Tropicale
Medical and Veterinary Entomology
Medical Clinics of North America
Medical Journal of Australia
Medical Journal of Zambia
Medical Laboratory Sciences
Medical Microbiology and Immunology
Medical Science Research
Medicina (Roma)
Medicina Clínica
Medicina Cutanea Ibero-Latino-Americana
Medicina Veterinaria
Meditsinskaya Parazitologiya i Parazitarnye Bolezni
Medizinische Klinik
Medycyna Weterynaryjna
Memoirs of the Queensland Museum
Memórias do Instituto Butantan
Memórias do Instituto Oswaldo Cruz
Methods of Information in Medicine
Microbial Pathogenesis
Microbiologica
Microbiology and Immunology
Microbios
Microbios Letters
Military Medicine
Miscellaneous Publications of the Entomological Society of America
Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie
Mitteilungen der Österreichischen Gesellschaft für Tropenmedizin und Parasitologie
Modern Pathology
Molecular and Biochemical Parasitology
Molecular and Cellular Biochemistry
Molecular and Cellular Biology
Molecular Biology (New York)
Molecular Biology Reports
Molecular Microbiology
Monatshefte für Veterinärmedizin
Morbidity and Mortality Weekly Report
Mosquito-Borne Diseases Bulletin
Movement Disorders
Münchener Medizinische Wochenschrift
Mutation Research
Mysore Journal of Agricultural Sciences
National Medical Journal of China
Natural Enemies of Insects
Natural History
Nature (London)
Naturwissenschaften
Nauchnye Doklady Vyssheĭ Shkoly, Biologicheskie Nauki
Nederlands Tijdschrift voor Geneeskunde
Neurology
Neuropathology and Applied Neurobiology
New England Journal of Medicine
New Scientist
New York State Journal of Medicine
New Zealand Medical Journal
Nucleic Acids Research
Nutrition Research
Obiettivi e Documenti Veterinari
Obstetrics and Gynecology (New York)
Obstetrics and Gynecology Clinics of North America
Oecologia
Oikos
Ophelia
Ophthalmic Research
Ophthalmologica
Optometry and Vision Science
Pakistan Veterinary Journal
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Parasite Immunology
Parasitologia Hungarica
Parasitology
Parasitology Research
Parasitology Today
Parazitologiya
Pathologie Biologie
Pathology and Immunopathology Research
Pathology Annual
Pediatric Clinics of North America
Pediatric Dermatology
Pediatric Infectious Disease Journal
Pediatric Pulmonology
Pediatric Surgery International
Pediatrics
Pédiatrie
Penyakit Hewan
Periodicum Biologorum
Pesticide Outlook
Pesticide Science
Pharmaceutical Journal
Pharmaceutical Research
Pharmaceutisch Weekblad, Scientific Edition
Pharmacological Research
Pharmacology Biochemistry and Behavior
Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences
Phytochemistry
Phytotherapy Research
Polski Tygodnik Lekarski
Postgraduate Medical Journal
Postgraduate Medicine
Poultry Adviser
Poultry Digest
Poultry Science

Practitioner
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Pratique Médicale & Chirurgicale de l'Animal de Compagnie
Presse Médicale
Preventive Veterinary Medicine
Primates
Proceedings and Papers of the Annual Conference of the California Mosquito and Vector Control Association
Proceedings of the Helminthological Society of Washington
Proceedings of the National Academy of Sciences of the United States of America
Proceedings of the National Science Council. Republic of China. Part B, Life Sciences
Proceedings of the North Dakota Academy of Science
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Proceedings of the Western Poultry Disease Conference
Progress in Clinical and Biological Research
Progressive Fish-Culturist
Protozoological Abstracts
Psychopathology
Ptitsevodstvo
Quantitative Structure-Activity Relationships
Quarterly Journal of Medicine
Radiology
Recueil de Médecine Vétérinaire
Reproduction, Nutrition, Développement
Research Bulletin of the Faculty of Agriculture, Gifu University
Research Bulletin of the Panjab University, Science
Research in Clinic and Laboratory
Research in Experimental Medicine
Research in Immunology
Research in Veterinary Science
Research Reports of the Rural Development Administration, Veterinary
Respiratory Medicine
Reviews of Infectious Diseases
Revista Argentina de Microbiología
Revista Brasileira de Malariologia e Doenças Tropicais
Revista Brasileira de Zoologia
Revista Cubana de Ciencia Avícola
Revista Cubana de Ciencias Veterinarias
Revista Cubana de Higiene y Epidemiología
Revista Cubana de Medicina Tropical
Revista da Sociedade Brasileira de Medicina Tropical
Revista de Patologia Tropical
Revista de Salud Animal
Revista de Saúde Pública
Revista do Instituto Adolfo Lutz
Revista do Instituto de Medicina Tropical de São Paulo
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Revue de Médecine Vétérinaire
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Revue Internationale du Trachome et de Pathologie Oculaire Tropicale et Subtropicale et de Santé Publique
Revue Scientifique et Technique - Office International des Épizooties
Rivista di Coniglicoltura
Rivista di Parassitologia
Salud Pública de México
Sarsia
Saudi Medical Journal
Sborník vědeckých Prací Ústředního Státního Veterinárního Ústavu v Praze
Scandinavian Journal of Gastroenterology
Scandinavian Journal of Immunology
Scandinavian Journal of Infectious Diseases
Scandinavian Journal of Rheumatology
Scanning
Schweizer Archiv für Tierheilkunde
Schweizerische Medizinische Wochenschrift
Science (Washington)
Science and Public Affairs (London)
Scientia Agricultura Sinica
Scottish Medical Journal
Semaine des Hôpitaux de Paris
Seminars in Diagnostic Pathology
Seminars in Hematology
Seminars in Liver Disease
Serodiagnosis and Immunotherapy in Infectious Disease
Sexually Transmitted Diseases
Shanghai Journal of Immunology
Singapore Journal of Obstetrics and Gynaecology
Singapore Medical Journal
Small Ruminant Research
Sochi Shikenjo Kenkyu Hokoku = Bulletin of the National Grassland Research Institute
Social Science & Medicine
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Sociobiology
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Spectrum
Stain Technology
Surveillance (Wellington)
Svensk Veterinärtidning
Systematic Parasitology
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TDR Newsletter, Special Programme for Research and Training in Tropical Diseases, World Health Organization
Tetrahedron
Thai Journal of Veterinary Medicine
Therapeutic Drug Monitoring
Theriogenology
Thorax
Tierärztliche Umschau
Tierhygiene-Information, Sonderheft
Tijdschrift voor Diergeneeskunde
Toxicology Letters
Transactions of the American Microscopical Society
Transactions of the Royal Society of Tropical Medicine and Hygiene
Transplantation Proceedings
Trends in Biochemical Sciences
Trends in Ecology & Evolution
Trends in Pharmacological Sciences
Tropical and Geographical Medicine
Tropical Animal Health and Production
Tropical Diseases Bulletin
Tropical Medicine (Nagaski)
Tropical Medicine and Parasitology
Trudy Zoologicheskogo Instituta, Akademii Nauk SSSR
Trudy, Vsesoyuznyĭ Instituta Éksperimental'noĭ Veterinarii
Tsitologiya
Tubercle
Türk Hijyen ve Deneysel Biyoloji Dergisi
UCLA Symposia on Molecular and Cellular Biology, New Series
Ugeskrift for Læger
United States Patent
Uttar Pradesh Journal of Zoology
Vaccine
Våra Pälsdjur
Verhandlungen der Deutschen Zoologischen Gesellschaft
Věstník Československé Společnosti Zoologické
Vestnik Dermatologii i Venerologii
Vestnik Zoologii
Veterinaria (Cremona)
Veterinaria (Sarajevo)
Veterinaria Argentina
Veterinaria México
Veterinariya (Moskva)
Veterinarna Sbirka
Veterinarnaya Nauka—Proizvodstvu
Veterinární Medicína
Veterinarska Stanica
Veterinarski Arhiv
Veterinarski Glasnik
Veterinářství
Veterinary and Human Toxicology
Veterinary Bulletin
Veterinary Clinics of North America, Food Animal Practice
Veterinary Immunology and Immunopathology
Veterinary Medicine
Veterinary Parasitology
Veterinary Pathology
Veterinary Record
Veterinary Research Communications
Veterinary Technician
Veteriner Fakültesi Dergisi, Ankara Üniversitesi
Veteriner Fakültesi Dergisi, Selçuk Üniversitesi
Vie et Milieu
Virchows Archiv. A, Pathological Anatomy and Histopathology
VMR, Veterinary Medical Review
Vrachebnoe Delo
Water Resources Bulletin
Water Science and Technology
Weekly Epidemiological Record
West Indian Medical Journal
Western Journal of Medicine
Wiadomości Parazytologiczne
Wiener Medizinische Wochenschrift
Wiener Tierärztliche Monatsschrift
World Health Forum
World Health Organization Technical Report Series
World Health Organization, WHO/MAL
World Water

World's Poultry Science Journal
Yale Journal of Biology and Medicine
Zdravstveni Vestnik
Zeitschrift für Angewandte Zoologie
Zeitschrift für Geburtshilfe und Perinatologie
Zeitschrift für Klinische Medizin (Berlin, DDR)
Zeitschrift für Lebensmittel-Untersuchung und-Forschung
Zentralblatt für Bakteriologie
Zentralblatt für Bakteriologie, Mikrobiologie und Hygiene, A
Zhurnal Mikrobiologii, Ėpidemiologii i Immunobiologii
Zoologicheskiĭ Zhurnal
Zoologischer Anzeiger

# CAB INTERNATIONAL INFORMATION SERVICES
## PRODUCTS AND SERVICES

Almost 100 scientists/linguists in the 11 Bureaux of CABI's Information Services at Wallingford, UK, with help from associated organizations and individuals worldwide, abstract and index the significant research and development literature in agriculture, forestry and allied disciplines. Over 10,000 serials and many other publications are scanned, and approximately 130,000 bibliographic records are compiled each year. From this computerized database is derived a wide range of information services and products in hard copy and machine-readable form, designed to meet a variety of customer needs.

### HARD COPY PRODUCTS

**Abstract journals**

The following abstract journals on specific disciplines, specialist crops or products, or particular livestock are published, mostly monthly or quarterly. Each has author and subject indexes, cumulated annually in a special issue of the journal.

**Animal Science and Production**
*Animal Breeding Abstracts; Dairy Science Abstracts; Nutrition Abstracts & Reviews, Series B–Livestock Feeds & Feeding; Pig News & Information; Poultry Abstracts.*

**Veterinary Science and Parasitic Diseases**
*Helminthological Abstracts; Index Veterinarius; Protozoological Abstracts; Review of Medical & Veterinary Entomology; Review of Medical & Veterinary Mycology; Veterinary Bulletin.*

**Crop Science and Production**
*Crop Physiology Abstracts; Faba Bean Abstracts; Field Crop Abstracts; Herbage Abstracts; Horticultural Abstracts; Irrigation & Drainage Abstracts; Maize Abstracts; Ornamental Horticulture; Plant Breeding Abstracts; Plant Growth Regulator Abstracts; Postharvest News and Information; Potato Abstracts; Rice Abstracts; Seed Abstracts; Soils & Fertilizers; Sorghum & Millets Abstracts; Soyabean Abstracts; Sugar Industry Abstracts; Wheat, Barley & Triticale Abstracts.*

**Forestry**
*Agroforestry Abstracts; Forest Products Abstracts; Forestry Abstracts.*

**Crop Protection**
*Biocontrol News & Information; Nematological Abstracts; Review of Agricultural Entomology; Review of Plant Pathology; Weed Abstracts.*

**Economics, Development and Sociology**
*Leisure, Recreation & Tourism Abstracts; Rural Development Abstracts; World Agricultural Economics & Rural Sociology Abstracts.*

**Machinery and Buildings**
*Agricultural Engineering Abstracts.*

**Human Nutrition**
*Nutrition Abstracts & Reviews, Series A–Human & Experimental.*

**Biotechnology/Biodeterioration**
*AgBiotech News & Information; Biodeterioration Abstracts.*

Also published is a series of current awareness publications (CAB Prompts) on specific crops. Subject indexes are not provided. Titles in the series so far are: *Groundnuts* and *Chickpeas/Pigeonpeas*. In addition, many retrospective compilations of abstracts (Annotated Bibliographies) on various topics are available on demand.

**SDI Service**

SDI (Selective Dissemination of Information) is a regular current awareness service based on the most recent input to the database. Subscribers decide their own search profile and receive search results at intervals of their choice, either as computer printout or on floppy discs suitable for most microcomputers. Delivery by airmail.

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This is a special SDI service providing subscribers each month with the search results from standard profiles chosen by CABI. Numerous titles are available and the list is regularly updated to reflect new subject interests. Output is available on computer printout posted by airmail.

### MACHINE–READABLE PRODUCTS AND SERVICES

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The machine-readable database, known as CAB ABSTRACTS, is publicly accessible online through DIALOG Information Services (USA), BRS Information Technologies (USA), ESA–IRS (Italy), DIMDI (GFR), JICST (Japan), CAN–OLE (Canada) and Tsukuba Daigaku (Japan). The whole database back to 1973 contains over 2 million records. Search aids include the CAB ABSTRACTS Online Manual, the CAB Thesaurus (1988 Edition) and the CAB International Serials Checklist (1988).

**CAB ABSTRACTS on Compact Disc**

The database is also available on CD–ROM (Compact Disc Read Only Memory). Volume one contains bibliographic citations and abstracts for 1984–86; the second volume contains the 1987–89 data. CD–ROM technology provides an online search capability without the worries of cost or telecommunication problems. An IBM or fully IBM–compatible PC, 640 K RAM, MS–DOS or PC–DOS version 2.1 or higher, and a CD–ROM player are needed. The SPIRS (SilverPlatter Information Retrieval System) software allows maximum search flexibility.

**Magnetic tapes**

Organizations with access to mini or mainframe computers may lease all or part of CAB ABSTRACTS on magnetic tape. Update tapes are issued monthly, and retrospective tapes as required.

### OTHER PRODUCTS AND SERVICES

**Document Delivery Service**

Photocopies of originals of most articles included in the database are available from CABI Library Services, Silwood Park, Ascot, UK. Documents may also be ordered online via DIALOG's DIALORDER or ESA/IRS's PRIMORDIAL.

**Books and serial publications**

CABI publishes authoritative reference books, directories and serial publications, the latter including *Bulletin of Entomological Research, Outlook on Agriculture, Index of Current Research on Pigs, Distribution Maps of Pests, Distribution Maps of Plant Diseases, Bibliography of Systematic Mycology, Descriptions of Pathogenic Fungi & Bacteria, Index of Fungi,* and *Systema Ascomycetum*. CABI is a co-sponsor of the International Food Information Service which publishes *Food Science & Technology Abstracts.*

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### The Organization

CAB International (CABI) is an international, intergovernmental organization registered with the United Nations. It is owned and administered by its member governments; these currently number 29, but membership is open to all governments who wish to participate. Established in 1928, the organization provides information, scientific, and development services for agriculture and allied disciplines throughout the world.

### Information Services

The main task of the Information Services, located at the CAB International Centre (CABIC) at Wallingford, is the creation of a bibliographic database of research on agriculture, forestry and allied disciplines, including social sciences and aspects of human medicine. Abstract journals derived from the database, and online access to it, provide a unique source of information for research scientists, development planners, educators and students. Subsidiary but growing tasks are the publication of primary journals and reference works, and training information professionals in developing countries.

The Accessions Unit acquires the relevant scientific and technical literature (ca 10,000 serials and over 5,000 other publications annually) for abstracting by almost 100 scientists/linguists in the following 11 Bureaux:

- Agricultural Economics
- Animal Breeding & Genetics
- Animal Health
- Dairy Science & Technology
- Nutrition
- Pastures & Field Crops
- Crop Protection
- Horticulture & Plantation Crops
- Plant Breeding & Genetics
- Soils
- Forestry

Further material is acquired and processed by collaborating or contracted organizations. Other staff coordinate work on specialized directories and databanks, and commission new books and primary journals. The Publications Unit is responsible for printing the journals and books, and the Marketing & Sales Division promotes and sells Information Services products and services world-wide (see inside back cover for details).

### Scientific Services

CABI's Scientific Services consist of four institutes and two support services.

*CAB International Institute of Entomology (CIE)*, Director Dr K.M. Harris, located at 56 Queen's Gate, London, and in the British Museum, Natural History.

*CAB International Mycological Institute (CMI)*, Director Professor D.L. Hawksworth, located at Ferry Lane, Kew, London, adjacent to the Royal Botanic Gardens.

*CAB International Institute of Parasitology (CIP)*, Director Dr R. Muller, located at Winches Farm, St Albans, the field station of the London School of Hygiene & Tropical Medicine.

These three Institutes provide an authoritative identification service for agricultural pests and other organisms, conduct research, implement projects, and provide training in their fields of expertise.

*CAB International Institute of Biological Control (CIBC)*, Director Dr D.J. Greathead, has its headquarters at Silwood Park, Ascot, the field station of Imperial College of Science and Technology, University of London. It has stations in Trinidad and Tobago, Switzerland, Pakistan, Kenya and Malaysia. It provides biocontrol services, conducts training, and participates in integrated pest management programmes.

*Development Services, (CDS)*, Head Mr D. Heydon, integrate the broad range of CABI expertise to provide advice and assistance with agricultural problems, but particularly those related to pest management and information services.

*Library Services*, Manager Mr C.J. Hamilton, have their headquarters with CIBC at Silwood Park, where the main Library is held, with additional literature collections at CMI, CIP, CDS and CABIC. Library Services operate a Document Delivery Service.

### Systems

The Systems Division provides computing resources and services to all parts of CABI. It maintains a central computing facility with telecommunications access to seven remote sites, including four CABI Institutes. CABIC is served by a modern Local Area Network which provides access to the computers, and by advanced office automation facilties. The main computers are DEC VAX systems and the principal software systems are BASIS for data management and information retrieval and PAGER for typesetting.

The staff of 20 includes database production personnel, systems analysts, programmers and computer operators. The principal systems are for the production of the CABI bibliographic database and associated functions, plus accessions control, subscription management and electronic publishing.

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